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## SPECIFICATIONS

# EHRET'S SLAG ROOFING PROMENADE TILE ROOFING

BITUMINOUS  
CONCRETE  
FLOORS



WATER-PROOFING  
*and*  
DAMP-PROOFING

EHRET ROOFING & MFG. Co.

DREXEL BUILDING  
PHILADELPHIA

BALTIMORE

WASHINGTON

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## **FOREWORD**

We offer the following roof specifications which have been prepared from our knowledge obtained in over thirty years' actual experience in the manufacture of roofing materials and their application—in the building up of permanent roofs in all sections of the United States.

It is our endeavor to be brief, yet concise, so that our standard for materials and the "Ehret Method" can be readily understood and appreciated.

Our standard for roofing materials is EHRO brand. They are manufactured from the highest grade of selected stock and when finished and inspected are the very best that can be produced.

We claim that efficiency in workmanship and superintendence is as essential as high grade materials for the production of a really first-class roof. Every care is taken to see that we give to our customers the best roof protection for the longest time at the least cost.

The "Ehret Method" of application is the building up of these materials on the building by a skilled and experienced department of roofing Superintendents and Foremen, some of whom have had an experience of over thirty years.

In this Foreword it is not our intention to exploit the advantages to be secured by placing your contracts with us, but merely to offer these specifications for your approval. Our Sales Department is at your service for further information, prices and roofing advice.

### **EHRET ROOFING & MFG. CO.**

DREXEL BUILDING

PHILADELPHIA

BALTIMORE

WASHINGTON

### **EHRET'S SLAG ROOFING—OVER WOOD SHEATHING**

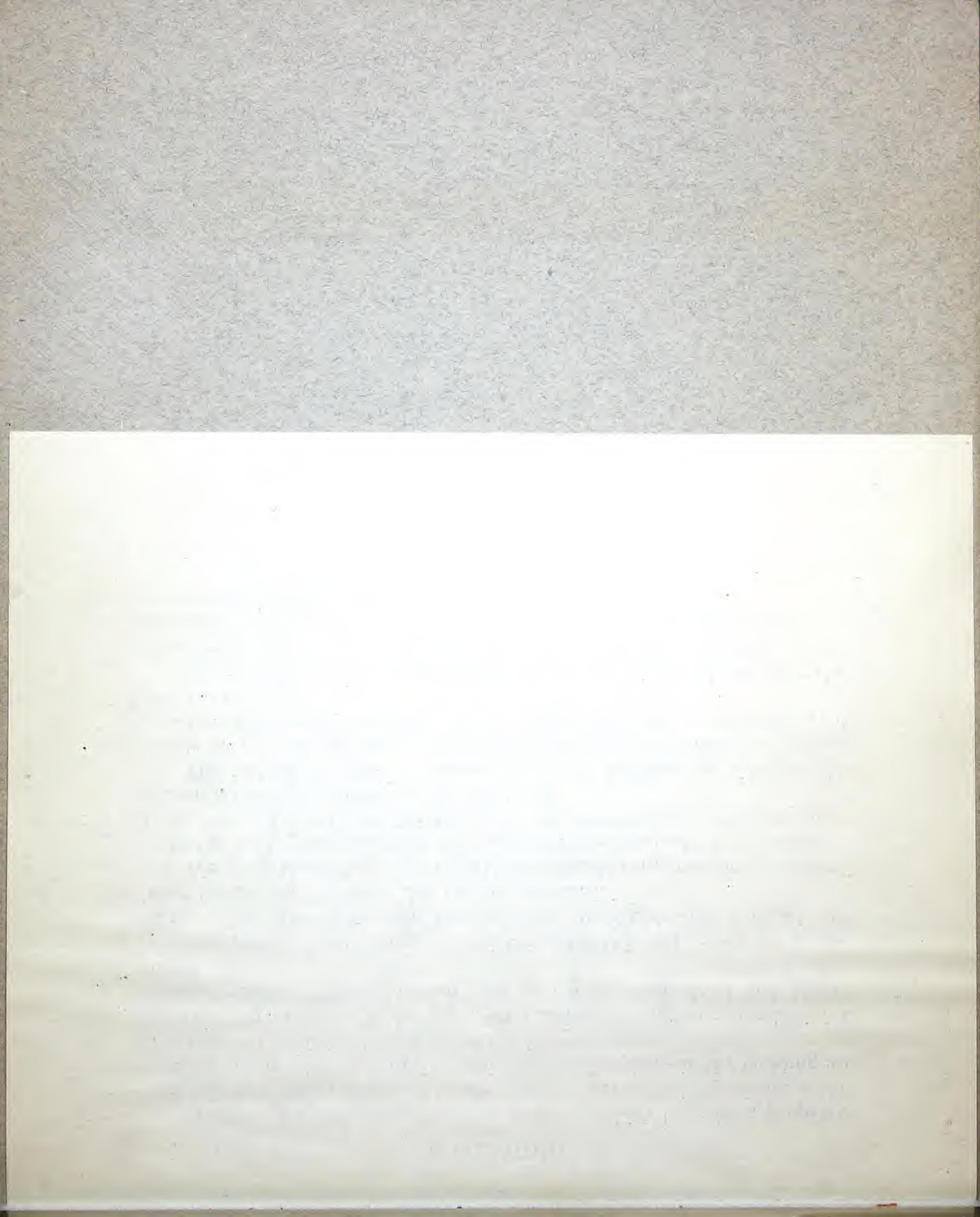
### **EHRET'S SLAG ROOFING—OVER FIREPROOF CONSTRUCTION**

### **FLASHINGS**

### **EHRET'S PROMENADE TILE ROOFING**

### **WATERPROOFING AND DAMPROOFING**

### **BITUMINOUS CONCRETE FLOORS**



**SPECIFICATION**  
FOR  
**EHRET'S SLAG ROOFING**  
over wood sheathing

1. Over the wood sheathing lay Ehret's Slag Roofing, applied by the Ehret Roofing & Mfg. Co.
2. Materials shall be EHRO Brands of felt and pitch, and granulated roofing slag.
3. The weight of EHRO Felt shall be not less than fourteen (14) pounds per 100 square feet, single thickness.  
There shall be used not less than twelve (12) gallons of EHRO Pitch to the 100 square feet.
4. There shall be used three hundred (300) pounds of slag to the 100 square feet.
5. The EHRO Felt shall be applied parallel with the eaves or valleys of the roof, lapping each sheet over the preceding one building up four plies. The laps shall be turned back and mopped their full width with EHRO Pitch. Heavily coat the entire surface with EHRO Pitch, into which, while hot, shall be broomed the slag as a wearing and fireproof surface.
6. Roof to be secured to sheathing with barbed roofing nails and tin roofing caps.
7. The above roofing to be guaranteed against natural wear and tear for a period of ten years.

**BRIEF SPECIFICATION**  
FOR  
**EHRET'S SLAG ROOFING**

Cover the wood sheathing of building, with Ehret's Slag Roofing to be applied by the Ehret Roofing & Mfg. Co., and guaranteed by them against natural wear and tear for a period of ten years.

**NOTE**

The foregoing Specification for Ehret's Slag Roofing is for all inclines up to four (4) inches to the foot ( $18^{\circ}$ ), when the slope exceeds this pitch special specifications are required and will be furnished upon application.

Ehret's Slag Roofing should not be applied on inclines or slopes in excess of six (6) inches to the foot.

**EHRET'S SLAG ROOFING—OVER WOOD SHEATHING**

**EHRET'S SLAG ROOFING—OVER FIREPROOF CONSTRUCTION**

**FLASHINGS**

**EHRET'S PROMENADE TILE ROOFING**

**WATERPROOFING AND DAMPROOFING**

**BITUMINOUS CONCRETE FLOORS**

THE END

**SPECIFICATION**  
FOR  
**EHRET'S SLAG ROOFING**  
over fireproof construction

In order to insure the successful application of Ehret's Slag Roofing the fireproof roof deck shall be smooth and properly graded as provided elsewhere in the general specifications.

**DETAILED SPECIFICATION**

1. Over the fireproof roof deck lay Ehret's Slag Roofing applied by the Ehret Roofing & Mfg. Co.
2. Materials shall be EHRO Brands of felt and pitch, and granulated roofing slag.
3. The weight of EHRO Felt shall be not less than fourteen (14) pounds per 100 square feet, single thickness.  
There shall be used not less than fifteen (15) gallons of EHRO Pitch to the 100 square feet.
4. There shall be used three hundred (300) pounds of slag to the 100 square feet.
5. The EHRO Felt shall be applied parallel with the eaves or valleys of the roof, lapping each sheet over the preceding one building up four plies. The laps shall be turned back and mopped their full width with EHRO Pitch. Heavily coat the entire surface with EHRO Pitch, into which, while hot, shall be broomed the slag as a wearing and fireproof surface.
6. The roofing shall be properly secured to the fireproof roof deck with EHRO Pitch.
7. The above roofing to be guaranteed against natural wear and tear for a period of ten years.

**BRIEF SPECIFICATION**  
FOR  
**EHRET'S SLAG ROOFING**

Cover the fireproof roof deck with Ehret's Slag Roofing to be applied by the Ehret Roofing & Mfg. Co. and guaranteed by them against natural wear and tear for a period of ten years.

**NOTE**

The foregoing Specification for Ehret's Slag Roofing is for all inclines up to four (4) inches to the foot ( $18^\circ$ ), when the slope exceeds this pitch special specifications are required and will be furnished upon application.

Ehret's Slag Roofing should not be applied on inclines or slopes in excess of six (6) inches to the foot.

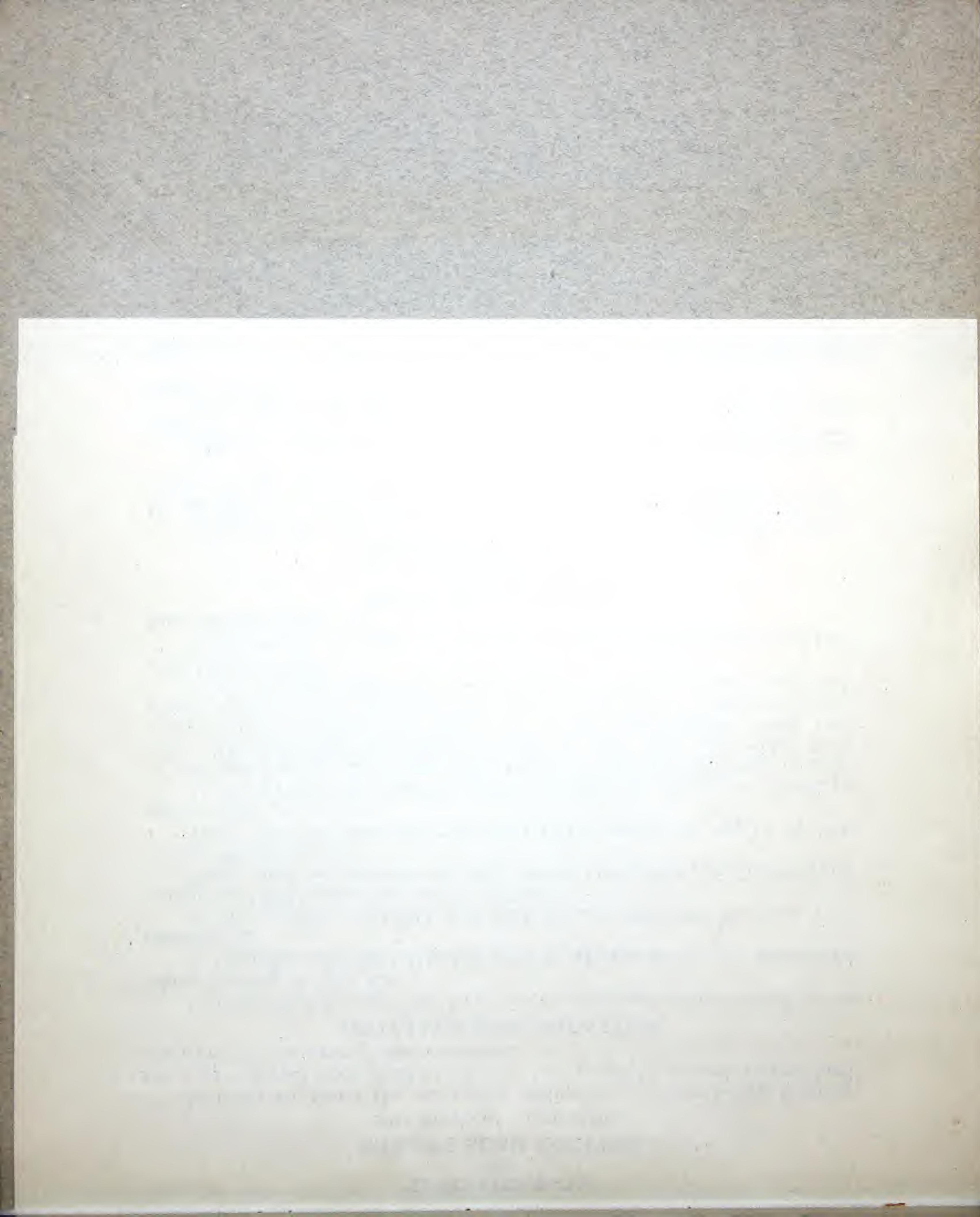
**EHRET'S SLAG ROOFING—OVER FIREPROOF CONSTRUCTION**

**FLASHINGS**

**EHRET'S PROMENADE TILE ROOFING**

**WATERPROOFING AND DAMPROOFING**

**BITUMINOUS CONCRETE FLOORS**



**SPECIFICATION  
FOR  
EHRET'S SLAG ROOFING  
over wood sheathing  
Five (5) Ply**

1. Over the wood sheathing lay Ehret's Slag Roofing, applied by the Ehret Roofing & Mfg. Co.

2. Materials shall be EHRO Brands of felt and pitch, and granulated roofing slag.

3. The weight of EHRO Felt shall be not less than fourteen (14) pounds per 100 square feet, single thickness.

There shall be used not less than fifteen (15) gallons of EHRO Pitch to the 100 square feet.

There shall be used three hundred (300) pounds of slag to the 100 square feet.

4. The EHRO Felt shall be applied parallel with the eaves or valleys of the roof, lapping each sheet over the preceding one building up five plies. The laps shall be turned back and mopped their full width with EHRO Pitch. Heavily coat the entire surface with EHRO Pitch, into which, while hot, shall be broomed the slag as a wearing and fireproof surface.

5. Roof to be secured to sheathing with barbed roofing nails and tin roofing caps.

6. The above roofing to be guaranteed against natural wear and tear for a period of ten years.

**FLASHINGS**

**EHRET'S PROMENADE TILE ROOFING**

**WATERPROOFING AND DAMPROOFING**

**BITUMINOUS CONCRETE FLOORS**



## **FLASHING**

On each roof there is a different condition for flashing.

We recommend that all roofs are flashed with metal (preferably with copper) at walls and other projections through the roof.

Eaves should be finished and protected with metal slag stops or eave strips.

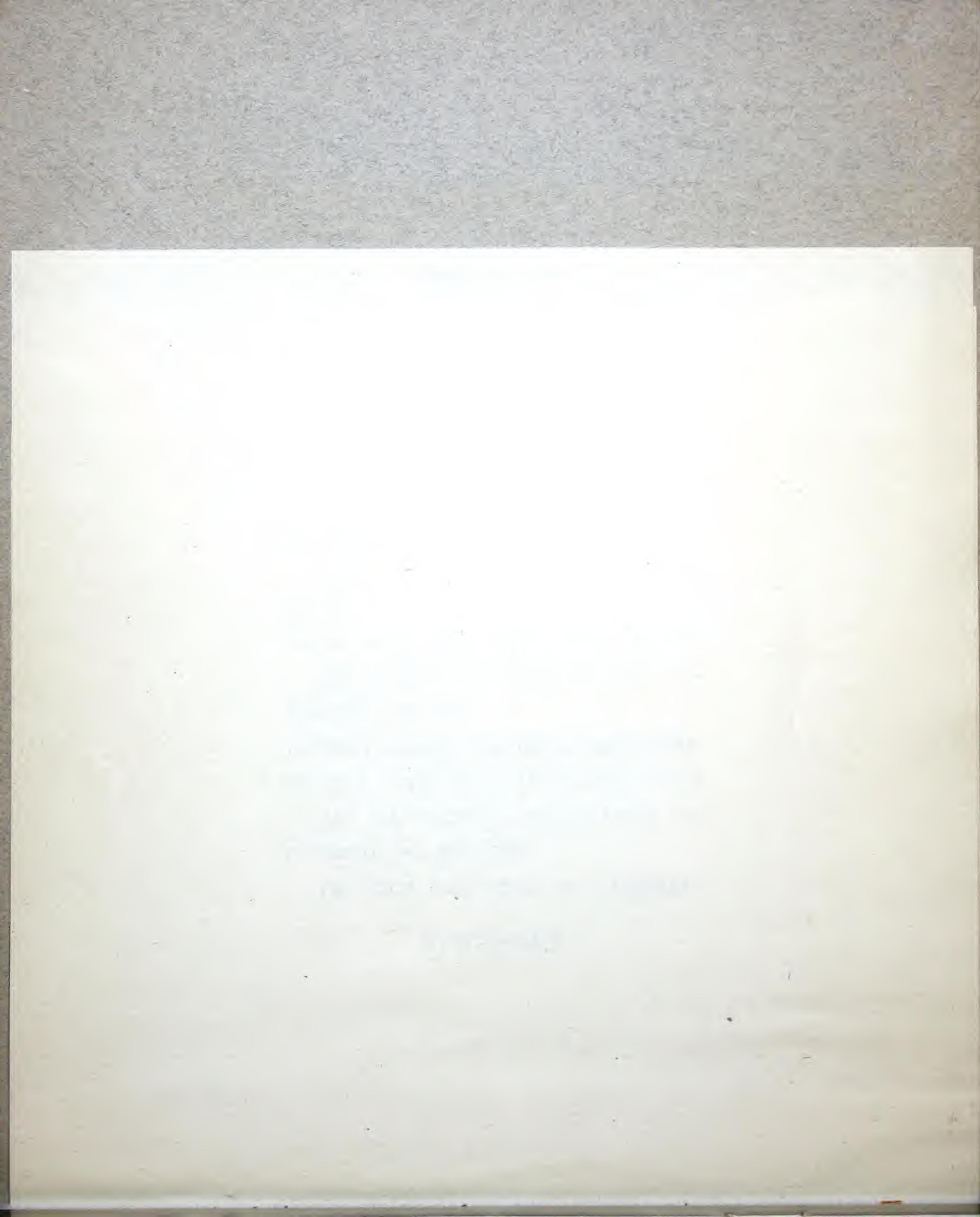
Connection to down spouts and collars for all pipes should be metal.

## **FLASHINGS**

### **EHRET'S PROMENADE TILE ROOFING**

### **WATERPROOFING AND DAMPROOFING**

### **BITUMINOUS CONCRETE FLOORS**

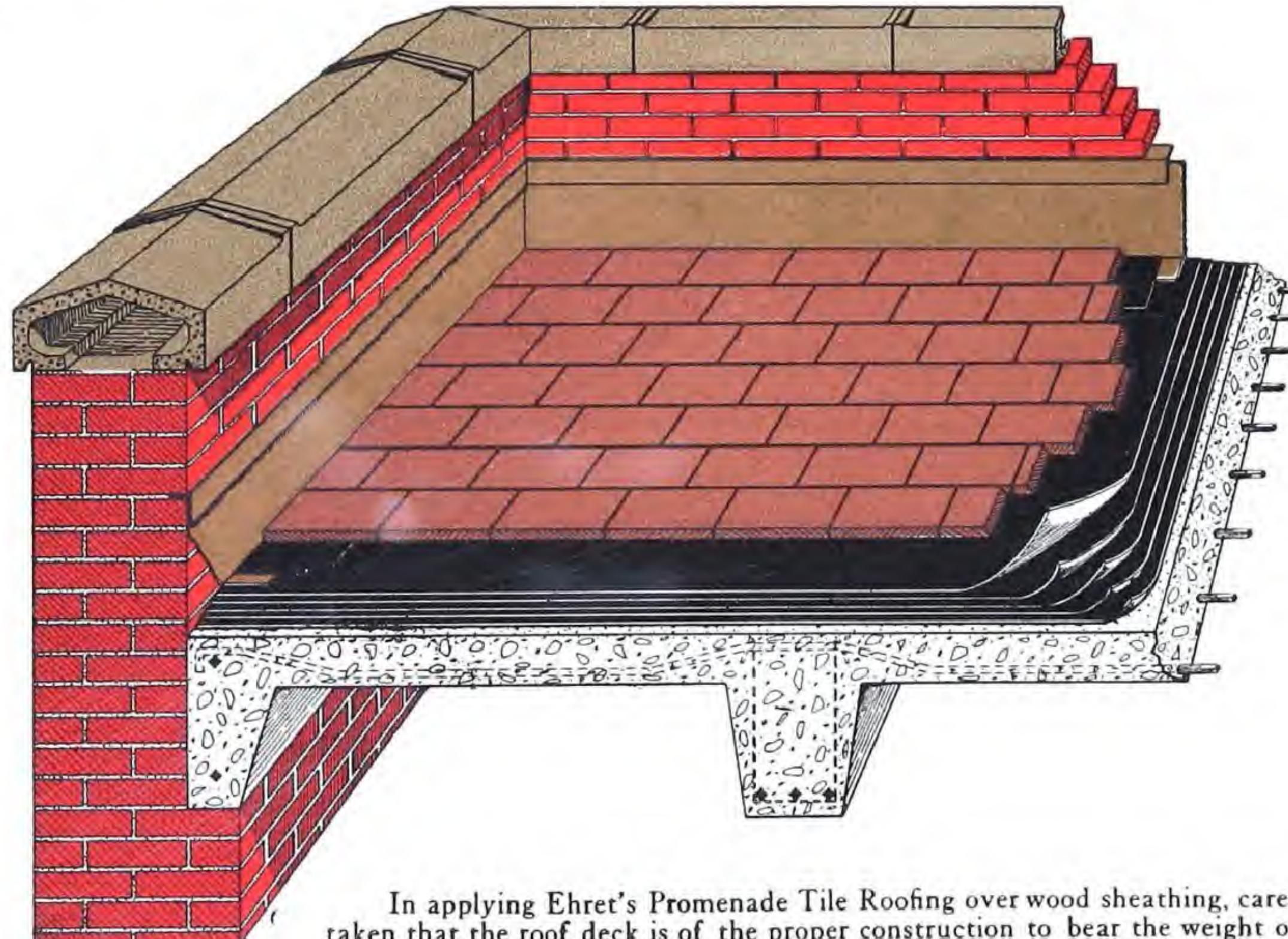


**SPECIFICATION FOR EHRET'S PROMENADE TILE ROOFING  
OVER FIREPROOF CONSTRUCTION**

In order to insure the successful application of Ehret's Promenade Tile Roofing the fireproof roof deck shall be smooth and properly graded as provided elsewhere in the general specifications.

**DETAILED SPECIFICATION**

1. Over the fireproof roof deck lay Ehret's Promenade Tile Roofing applied by the Ehret Roofing & Mfg. Co.
2. Materials shall be EHRO Brands of felt and pitch, and 6 in. x 9 in. x 1 in. Promenade Vitrified Red Tile.
3. The weight of EHRO Felt shall be not less than fourteen (14) pounds per 100 square feet, single thickness.  
There shall be used not less than fifteen (15) gallons of EHRO Pitch to the 100 square feet.  
There shall be used seven (7) gallons of Apex Asphalt Tile Mastic to the 100 square feet.
4. The EHRO Felt shall be applied parallel with the eaves or valleys of the roof, lapping each sheet over the preceding one building up five plies. The laps shall be turned back and mopped their full width with EHRO Pitch.
5. The roofing shall be properly secured to the fireproof roof deck with EHRO Pitch.
6. The Promenade Tile shall be imbedded in Apex Mastic, breaking the joints. The joints shall then be filled with Portland Cement grouting. In setting the tile, provision shall be made for expansion joints.
7. The above roofing to be guaranteed against natural wear and tear for a period of ten years.



In applying Ehret's Promenade Tile Roofing over wood sheathing, care should be taken that the roof deck is of the proper construction to bear the weight of the roof

**EHRET'S PROMENADE TILE ROOFING**

**WATERPROOFING AND DAMPROOFING**

**BITUMINOUS CONCRETE FLOORS**



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**EHRET'S SLAG ROOFING**  
over fireproof construction

**Five (5) Ply**

In order to insure the successful application of Ehret's Slag Roofing the fireproof roof deck shall be smooth and properly graded as provided elsewhere in the general specifications.

**DETAILED SPECIFICATION**

1. Over the fireproof roof deck lay Ehret's Slag Roofing applied by the Ehret Roofing & Mfg. Co.
2. Materials shall be EHRO Brands of felt and pitch, and granulated roofing slag.
3. The weight of EHRO Felt shall be not less than fourteen (14) pounds per 100 square feet, single thickness.  
There shall be used not less than eighteen (18) gallons of EHRO Pitch to the 100 square feet.
4. There shall be used three hundred (300) pounds of slag to the 100 square feet.
5. The EHRO Felt shall be applied parallel with the eaves or valleys of the roof, lapping each sheet over the preceding one building up five plies. The laps shall be turned back and mopped their full width with EHRO Pitch. Heavily coat the entire surface with EHRO Pitch into which, while hot, shall be broomed the slag as a wearing and fireproof surface.
6. The roofing shall be properly secured to the fireproof roof deck with EHRO Pitch.
7. The above roofing to be guaranteed against natural wear and tear for a period of ten years.

**WATERPROOFING AND DAMPPROOFING**

**BITUMINOUS CONCRETE FLOORS**



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**SPECIFICATION  
FOR  
EHRET'S SLAG ROOFING  
over fireproof construction**

**Five (5) Ply**

In order to insure the successful application of Ehret's Slag Roofing the fireproof roof deck shall be smooth and properly graded as provided elsewhere in the general specifications.

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5. The roofing shall be properly secured to the fireproof roof deck with EHRO Pitch.

6. The above roofing to be guaranteed against natural wear and tear for a period of ten years.

**WATERPROOFING AND DAMPPROOFING**

**BITUMINOUS CONCRETE FLOORS**

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**SPECIFICATIONS  
FOR  
WATERPROOFING AND DAMPROOFING**

Waterproofing and damproofing the sub-structures and basements of buildings is a matter that requires the best efforts of experienced workmen. Various methods for laying this waterproofing have been in use for many years, differing in the several localities to suit conditions. Our membrane form of waterproofing and damproofing has met with uniform success. This subject cannot be covered in a general specification, as no two buildings are constructed exactly alike, and each has its own problems to solve.

We have in our employ workmen who have had many years' experience in this particular kind of work, and we would suggest that before coming to a decision as to work of this character you consult us. Our engineers and experienced men are always at your command.

**WATERPROOFING AND DAMPROOFING  
BITUMINOUS CONCRETE FLOORS**

the author's name. The handwriting

is very good.

## **BITUMINOUS CONCRETE FLOORS**

This material or form of construction is used as a base or foundation for wood floors (where they are to be laid in contact with the earth) to prevent the exposure of the operators and machinery to dampness.

After the grading is finished, crushed Stone, Slag, Gravel or Cinders and hot Bituminous Composition of various thicknesses are mixed and laid as a base. A top coat from one to two inches thick, composed of Sand and hot Bituminous Composition, is laid, rolled and brought to proper levels for the reception of the wood floor.

This is another subject in which special consultation would be recommended.

## **BITUMINOUS CONCRETE FLOORS**

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CCA

# **EHRET ROOFING AND MANUFACTURING CO.**

MANUFACTURERS AND DEALERS

American Straight Run Coal Tar Pitch

Coal Tar Roofing Felt

Rosin Sized Sheathing Papers

Red Rope Sheathing Papers

Asphalt Roofing Felt

Asphalt Roofing Pitch

Stone Surfaced Ready Roofing

Smooth Surfaced Ready Roofing

Two and Three Ply Tarred Felt

Paving Composition

Crushed Slag

Deadening Felt, Etc.

